



09 NOV -6 A8:35

STATE PROCUREMENT OFFICE  
NOTICE & REQUEST FOR SOLE SOURCE  
STATE PROCUREMENT OFFICE  
STATE OF HAWAII

1. TO: Chief Procurement Officer
2. FROM: Health/State Laboratories Division  
Department/Division/Agency

Pursuant to §103D-306, HRS, and Subchapter 9, Chapter 3-122, HAR, the Department requests sole source approval to purchase the following:

3. Description of goods, services, or construction:

One unit, PyroMark Q 96 ID is a real-time sequence-based detection system for genetic variations, DNA sequencing for microbial identification, and genetic quantification assays. This instrument is supplied with a PyroMark vacuum work station, PyroMark Q 96 plates, cartridges, vacuum prep trough, annealing buffer, binding buffer, wash buffer, vacuum prep filter, PyroMark 96 Gold reagents and PyroMark Assay Design SW 2.0 and PyroMark Identifire SW 1.0.

4. Vendor Name: QIAGEN Inc.

Address: 27220 Turnberry Lane, Suite 20  
Valencia, CA 91355-1005

5. Price:

\$107,000.00

6. Term of Contract:  
(mm/dd/yyyy)

From: 10/15/2009 <sup>11/4/09</sup> To: 10/15/2010

7. Prior Sole Source Ref No.  
0

8. Feature: The good, service, or construction has the following unique features, characteristics, or capabilities: The instrument uses proven Pyrosequencing technology that allows real-time sequence based detection directly from purified PCR products with no gel electrophoresis, thus decreasing the run time from 24-55 hour for capillary genetic sequencers down to 5-6 hours. The instrument is flexible and can sequence 96 different samples in one run and has the ability to analyze multiple SNPs in a single assay with more than 99% accuracy. It is able to perform solid phase sequencing, detects which nucleotide is incorporated into the DNA sequence by detection of light emitted by an enzyme reaction during sequence synthesis. Because it generates a short read sequence that enables the analysis of SNPs, this technology is very efficient and accurate. It can genotype tri- and tetra-allelic polymorphisms. It provides extensive report format options including tab delimited, XML, FASTA and text.

## REQUEST FOR SOLE SOURCE (Cont.)

Submit in Triplicate

9. Essential features. How the unique features, characteristics, or capabilities are essential for the agency to accomplish its work: PyroMark Q96 ID is currently the instrument used by the Centers for Disease Control and Prevention (CDC) in evaluating anti-viral resistance genotypes associated with patients treated with TamiFlu. Because an increasing number of influenza strains are exhibiting resistance to Tamiflu, the CDC has expanded its surveillance efforts to include anti-viral resistance testing for those patients that appear to be failing treatment. The State Laboratories Division (SLD) would like to bring this capability to the State to screen for this anti-viral resistance marker and ensure the proper treatment and management of influenza patients. Our ability to screen for antiviral resistance from patients in a timely manner is essential to prevent or reduce the severity of the illness. Data generated from the surveillance may provide important information on emerging resistance strains or in developing new antiviral drugs.

11. Alternate source. The following other possible sources for the good, service, or construction were investigated but do not meet our needs because: None.

## 12. Direct any inquiries to:

Department: HealthContact Name/Title: Rebecca Sciulli, BT Microbiologist & Coord.

## 13 Phone Number:

453-5993

Fax Number:

453-5995

Expenditure may be processed with a purchase order: ☒ Yes ☐ No If no, a contract must be executed and funds certified.

Agency shall ensure adherence to applicable administrative and statutory requirements.

14. *I certify that the information provided above is to the best of my knowledge, true, correct and that the goods, services, or construction are available through only one source.*



Department Head

NOV - 5 2009

Date

## Reserved for SPO Use Only

15 Date Notice Posted: 11/6/09

Submit written objections to this intent to issue a sole source contract within seven calendar days or as otherwise allowed from the above posted date to:

Chief Procurement Officer  
State Procurement Office  
P.O. Box 119  
Honolulu, Hawaii 96810-0119

## 16. Chief Procurement Officer's comments:

This approval is based on the DOH State Laboratory's representation that the manufacturer's equipment is essential for their work and available only from this vendor.

Pursuant to HAR 3-122, Subchapter 15, Cost and Pricing Data are required for sole source procurements expected to exceed \$100,000.

17.

☒ APPROVED ☐ DISAPPROVED ☐ NO ACTION REQUIRED

Charles S. Fajen  
Chief Procurement Officer

11/20/09  
Date